PROINSO PV Rack is one of the simplest rooftop structures to assemble on the PV market. It adds exceptional value to both commercial and residential projects by offering versatility and usability. PROINSO PV Rack also reduces the risk to the installer, assisting in the successful implementation of PV projects.

The versatility of the roof systems from the PROINSO PVRACK allows an easy adaptation to most locations, complying with the applicable regulations in each area of installation. Roof systems from PROINSO PV RACK allow a quick assembly.

EASY TO INSTALL

PROINSO PV Rack is one of the simplest rooftop structures to assemble, on the PV market.

COMPACT PACKAGING

As part of PROINSO PV Rack solutions, all the items are packaged as a kit coming in a compact, 1kW size box, lowering you transportation and storage costs.

ROBUST & HIGH QUALITY

PROINSO PV RACK rooftop PV structures are made of hollowed aluminum profiles bolted together, with enough ability to support photovoltaic modules with standard commercial dimensions.
TECHNICAL SPECIFICATIONS

APPLICATION
Pitched roof — on-roof

ROOFING
Trapezoidal metal sheet

MIN. SHEET THICKNESS
Steel: 0.5mm / Aluminium: 0.8mm

MIN. BEAD HEIGHT
From 20mm

ROOF SLOPE
Up to 20°

PURLIN THICKNESS
2mm minimum

FIXATION WITH ROOF
Self-tapping screws with L connector

BUILDING HEIGHT
Up to 20m

PV-MODULES
Framed, frameless

MODULE ORIENTATION
Portrait, Landscape

SIZE OF MODULE ARRAY
Any size possible

POSSIBLE HEIGHT COMPENSATION
Up to 11mm

DISTANCE BETWEEN RAIL FIXATIONS
Depending on load situation (automatic verification per design software)

STANDARDS
Eurocode 1 – Action on structures
Eurocode 9 – Design of aluminium structures
Extruded aluminium profiles (EN AW 6063 T6)
Side fixing clip: Aluminium (EN AW 6063 T6)
Stainless steel (V2A)

SUPPORTING PROFILES

RAIL FIXATIONS

SMALL PARTS
Aluminium: plate finish

COLOUR

EACH 1KW BOX CONTAINS THESE ELEMENTS

L-connector  Mid Clamp  End Clamp  Spring Nut  Splice Plate  Self Screw  Fasteners